



<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/840,121	HAYASAKA ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Shirley Chang	2612	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to \_\_\_\_.
2. ☒ The allowed claim(s) is/are 9,10,13-15 and 27.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |   |
|---|---|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)           |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)  | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date ____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date <u>4/24/01, 8/3/04</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment                              |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material                                      | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance             |
|   | 9. <input type="checkbox"/> Other ____.   |

***DETAILED ACTION***

This application is in condition for allowance except for the presence of claims 1-8, 11-12, 16-26, and 28-30 non-elected without traverse. Accordingly, claims 1-8, 11-12, 16-26, and 28-30 been cancelled.

***Allowable Subject Matter***

Claims 9,10,13-15 and 27 are allowed.

The following is an examiner's statement of reasons for allowance: the prior art does not teach nor suggest wherein, in said time object, context of the time objects on a time axis is expressed by three kinds of times of time fixed type, range designation type and offset designation type and discriminate the time not known the context.

As for the most relevant prior art, Alten et al. (5635978) discloses:,

A composite media file broadcasting program broadcasting control method in a composite media file broadcasting program broadcasting control system including an organizing unit managing program frame and time frame of CM in the program frame, producing unit generating a composite media file to be broadcasted and broadcasting schedule information, broadcasting unit performing broadcasting of broadcasting data to a transmission line according to information provided from said organizing unit and said producing unit, and a trigger input device designating modification of broadcasting data of the program on broadcasting to said broadcasting unit, said method comprising the steps of:

Art Unit: 2612

setting pointer information to broadcasting schedule information map storing  
broadcasting start timing without setting real time value as broadcasting start timing of a  
plurality of said broadcasting schedule information map in hierarchy (figs. 5 and 7; [8,  
43] to [9, 6]);

storing time object and attribute information thereof expressing one point on a time axis  
in the broadcasting schedule information map storing the broadcasting start timing ([6,  
64] to [7, 15]);

enabling broadcasting preparatory process in said broadcasting unit even in a condition  
where broadcasting start timing is not fixed by expressing order of time by time  
expressing function provided for said time object ([8, 43] to [9, 6]; [6, 64] to [7, 15])

performing broadcasting instantly responding to determination of broadcasting start  
timing during broadcasting.

Any comments considered necessary by applicant must be submitted no later  
than the payment of the issue fee and, to avoid processing delays, should preferably  
accompany the issue fee. Such submissions should be clearly labeled "Comments on  
Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the  
examiner should be directed to Shirley Chang whose telephone number is (571)272-  
8546. The examiner can normally be reached on 8:30-5 M-F.

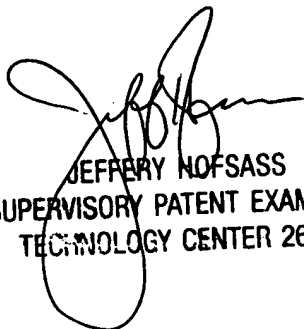
### **Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shirley Chang whose telephone number is (571) 272-8546. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeff Hofsass can be reached on (571) 272-2981. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SC

  
JEFFERY HOFSSASS  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600